TYAN

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Versatile 1U Server Platform

Transport GT24

B2932G24V4H / B2932G24W4H

AMD 64 Opteron™

▼ Front View

▼ Back View

High Performance, High Density Server Platform supporting AMD Opteron™ 2000

- Support dual AMD Opteron™ 2000 series (1207-pin socket)
- Nvidia nForce Pro 3600 Core Logic
- (16) DIMMs, supporting max. 64GB registered, ECC/non-ECC DDR2-667/533 memory
- (2) gigabit Ethernet LANs (Marvel 88E1121 PHY)
- (1) PCI-E x8 slot, riser card model: M2083
- B2932G24V4H: Support 4 hot-swap SATA HDD bays with RAID 0,1,5,10,JOBD support
  B2932G24W4H: Support 4 hot-swap SAS HDD bays with RAID 0,1,1E support
- (1) slim DVD-ROM drive (pre-installed)
- (1) optional slim FDD
- TYAN GT24, with Delta 650W single power supply

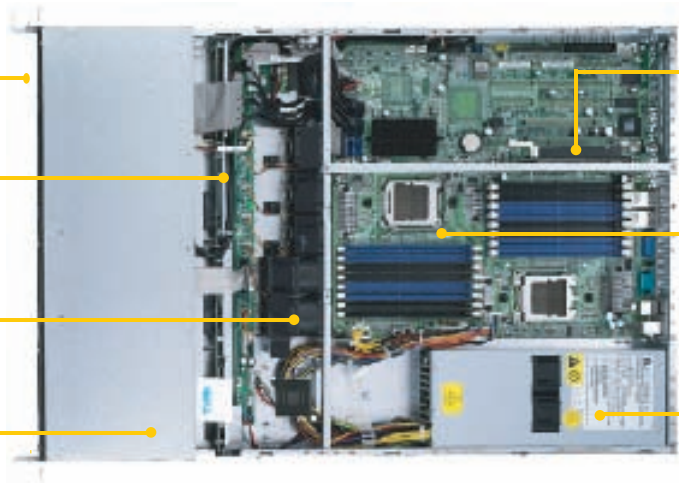
Model Number	HDD bay (No. of HDD)	Storage Backplane	Note
B2932G24V4H	Hot-swap SATA-II (4)	4-port SAS/SATA	with 650W single power
B2932G24W4H	Hot-swap SAS (4)	4-port SAS/SATA	with 650W single power

(Specifications are subject to change without notice. Items pictured may only be representative.)

Transport GT24

B2932G24V4H / B2932G24W4H

▼ B2932 TOP View


Slim DVD-ROM (pre-installed)
Adaptor board (M1012)
Counter-rotating fans · 2*4056+3*4028 · with fan speed control
4-port SAS/SATA backplane (M1208)
PCI-Ex16 slot (x8 link)-M2083 (Full height/Full length)
S2932G2NR-L-B / S2932WG2NR
Dual Opteron
16 DDR2, Max.64GB DDR2-667/533
2 GbE ports
Delta 650W single power supply

S P E C I F I C A T I O N S

Enclosure
- Industry 19" rack-mountable 1U chassis
  - (1) slim CD-ROM bay
  - (4) 3.5" HDD bays
- Dimension: D 25.4 x W 17.2 x H 1.72 inch (645x436x43.6mm)

Processors
- Dual 1207-pin ZIF L1 sockets
- Support up to two AMD Opteron™ 2000 series processors

Chipset
- nVIDIA nForce Pro 3600
- NEC nPD720400
- SMSC DME5017
- LSI 1068E (for B2932G24W4H only)

Memory
- (16) 240-pin DDR2 DIMM sockets
- Supporting up to 64GB of Registered of DDRII-667/533/400 memory

Back I/O Ports
- (1) PS/2 Mouse and (1) Keyboard ports
- (1) 9-pin UART Serial port
- (1) 15-pin VGA port
- (2) USB2.0 ports
- (2) RJ45 10/100/1000 Base-T port w/ activity LED

Front Panel Features
- I/O
  - (2) USB 2.0 ports
- LED indicators
  - Power LED
  - (2) LAN LED
  - HDD Active LEDs
  - ID LED
  - Warning LED
- Switches
  - Power
  - Reset
  - ID
  - NMI

Storage
- Model B2932G24V4H:
  - Serial ATA II Host controllers embedded
  - Support 6 serial ports running at 3.0Gb/s.
  - NV RAID 0, 1, 0+1, 5 and JBOD support
- Model B2932G24W4H:
  - LSI 1068E SAS controller
  - Supports 8 SAS ports running at 3.0Gb/s
  - NV RAID 0,1 and JBOD support

Networking
- (2)Two 10/100/1000 Base-T LAN(nForce Pro 3600 integrated MAC with Marvell 88E1121 Gigabit Ethernet PHY)

Video
- ATI ES1000TM PCI graphics controller
- 32MB DDR Frame Buffer of video memory

Motherboard
- B2932G24V4H
  - TYAN Thunder n3600M S2932G2NR-L-B
- B2932G24W4H
  - TYAN Thunder n3600M S2932WG2NR
- E-ATX footprint(13"x12")

BIOS
- AMI BIOS 8Mbit Flash
- Supports ACPI 2.0
- PnP, DMI2.0 WfM2.0 power management

Server Management
- Automatic fan speed control
- Support Tyan Server Management (TSM)
- Option TYAN SMDC M3291, IPMI v2.0 compliant remote server management kit

System Cooling
- (2) 40*40*56mm 15000rpm heavy-duty fans with fan speed monitor/control
- (3) 40*40*28mm 15000rpm heavy-duty fans with fan speed monitor/control
- (2)Passive CPU Heatsink

Power Supply
- EPS 12V, 1U, 650W High-efficiency Power Supply
- 100V~240V AC input

Regulatory
- FCC Class B (Declaration of Conformity)
- CE (Declaration of Conformity)

Environment Temperature
- Operating temperature 5 °C ~ 35°C
- Non-operating temperature -40 °C ~70°C

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